

What is claimed is:

1. A calibration signal transmitter comprising:  
spreading means for spreading a calibration signal  
using a signal-specific spreading code; and

5 transmitting means for transmitting the spread  
calibration signal for each unit frame for a predetermined  
time.

2. An intermittent calibration apparatus  
comprising:

10 receiving means for receiving a signal resulting  
from multiplexing the calibration signal sent by the  
calibration signal transmitter according to claim 1 with  
a communication signal spread using a signal-specific  
spreading code in a same frequency band;

15 extracting means for extracting said communication  
signal and said calibration signal from the received  
signal through despread processing using said  
spreading code;

20 calibration means capable of executing calibration  
processing using the extracted calibration signal in  
parallel with a communication using the extracted  
communication signal; and

25 demodulating means for carrying out demodulation  
processing on the extracted communication signal using  
the result of said calibration processing.

3. An intermittent calibration apparatus  
comprising:

receiving means for receiving a signal resulting

5. The intermittent calibration apparatus according  
25 to claim 3, wherein said communication signal is subjected  
to interleave processing before being transmitted and  
said demodulating means carries out deinterleave  
processing corresponding to said interleave processing

a calibration step capable of executing calibration processing using the extracted calibration signal in

11. The calibration method according to claim 10, wherein said communication signal is subjected to interleave processing before being transmitted and said demodulating step further comprises a deinterleave step of carrying out deinterleave processing corresponding to said interleave processing on the demodulated signal obtained through said demodulation processing.